

ATL3

An elegantly slim fixture finished with subtle detailing to provide a high level of direct lighting performance in a simple but robust package. Available in three sizes with an integrated driver, Atlas is a handsome and versatile fixture suitable for any given environment.

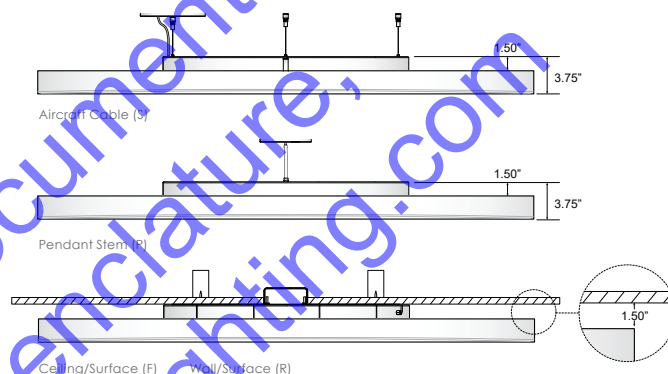


Performance

OUTPUT	DIAMETER	DIRECT		
		DELIVERED LM	INPUT WATTS	EFFICACY
LH (high)	20"	2708 lm	38.3 W	71 lm/W
LVH (very high)	32"	9191 lm	100 W	92 lm/W
	48"	21077 lm	222 W	95 lm/W

Based on static white 4000k. For the complete photometric data of this fixture refer to pages 2 and 3.

Dimensions



ATL3											
SERIES	DIAMETER		OUTPUT		CCT		CRI	VOLTAGE		MOUNTING	
ATL3	20	Ø20"	LVH	Very high output	30	Direct 3000k	CRI 80+ CRI 90+ CRI	U	120-277V	S	Aircraft Cable ¹
	32	Ø32"	LH	High output	35	Direct 3500k				R	Wall Surface Mount
	48	Ø48"	LS	Standard output	40	Direct 4000k				F	Ceiling Surface Mount
			C_	Custom output ¹						P	Rigid Stem ²
										PV	Swivel Stem ²
Black power cord provided for Black and Titanium finish and White power cord provided for all other fixture finishes, unless otherwise specified. ¹Standard 48" field adjustable cable, specify length to nearest inch if over 48". ²Indicate stem length to nearest inch, 6.00" minimum.											
¹ Contact Design Assist for custom mounting											

¹ Contact Design Assist for custom tuning

Black power cord provided for Black and Titanium finish and White power cord provided for all other fixture finishes, unless otherwise specified.
² Standard 48" field adjustable cable, specify length to nearest inch if over 48".
³ Indicate stem length to nearest inch, 6.00" minimum

FINISH		DIMMING		EMERGENCY	
T	Titanium	D	Standard 0-10V dimming ¹	E1	Emergency - battery ¹
W	White				
B	Black				
O	Other ¹				

¹ Specify RAL# or other custom color.

¹ 5% Dimming standard unless otherwise specified.

¹ 20" uses IOTA-ILB-CP12-B (12W unit, remote) and 48" uses IOTA-ILB-CP12-B (12W unit, integral) while 32" uses IOTA-ILB-CP05-B (5W unit, integral). Specify desired quantity of batteries. Not available for 34V, 20" remotely mounted in RME1 enclosure.



Need help?
Don't see what you need?
We know that having so many options can be overwhelming. Please reach out to our factory for any specific request or questions you have.

Our Design Assist team
(designassist@alights.com) is here to make the process move smoothly.

Project name

Type

Date

Quantities

Light distribution

DISTRIBUTION

Direct Symmetric

OUTPUT (DC)

LVH: Very high output

LH: High output

LS: Standard output

C: Custom tuned output - Contact Design Assist

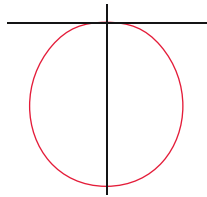
Photometric data

DIRECT SYMMETRIC

ATL3 - 20 - LH - 4000K

Lumens: 2708 lm
Input watts: 38.3 W
Efficacy: 70 lm/W

ILH: —



ATL3 - 32 - LVH - 4000K

Lumens: 9191 lm
Input watts: 100 W
Efficacy: 92 lm/W

ILH: —

ATL3 - 48 - LVH - 4000K

Lumens: 21077 lm
Input watts: 222 W
Efficacy: 95 lm/W

ILH: —

Sample installation - Workspace

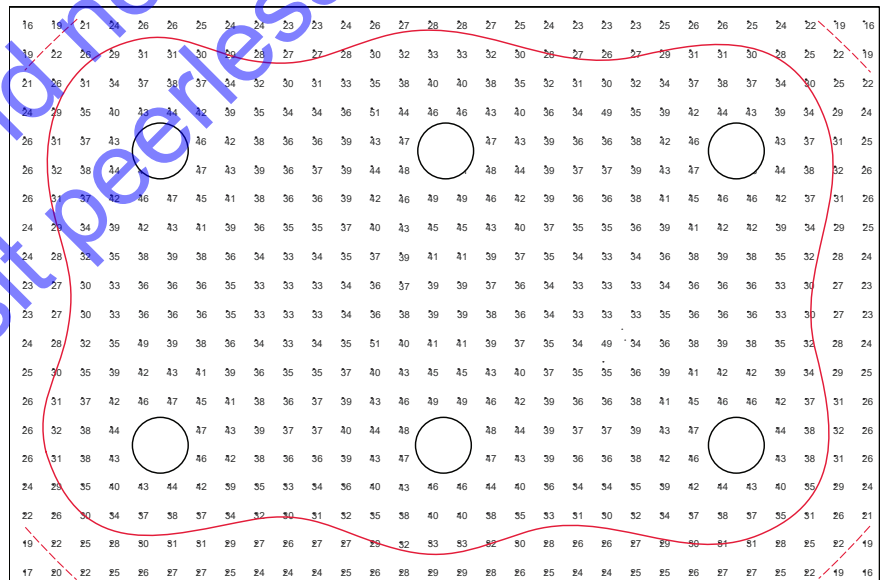
ATL3-48-LH-40

Room dimensions: 40' X 60' X 12'
Reflectance: 80% / 50% / 20%
Mounting height: 12' ft A.F.F.
Fixture dimensions: 48" diameter
Calculation grid: 2' ft X 2' ft
Calculation plane: Ground
Average Illuminance: 35fc
Fixture spacing: 20' ft X 20' ft O.C.
Uniformity: 2.2 (avg/min)

TOP VIEW

30 fc: —

20 fc: - - -

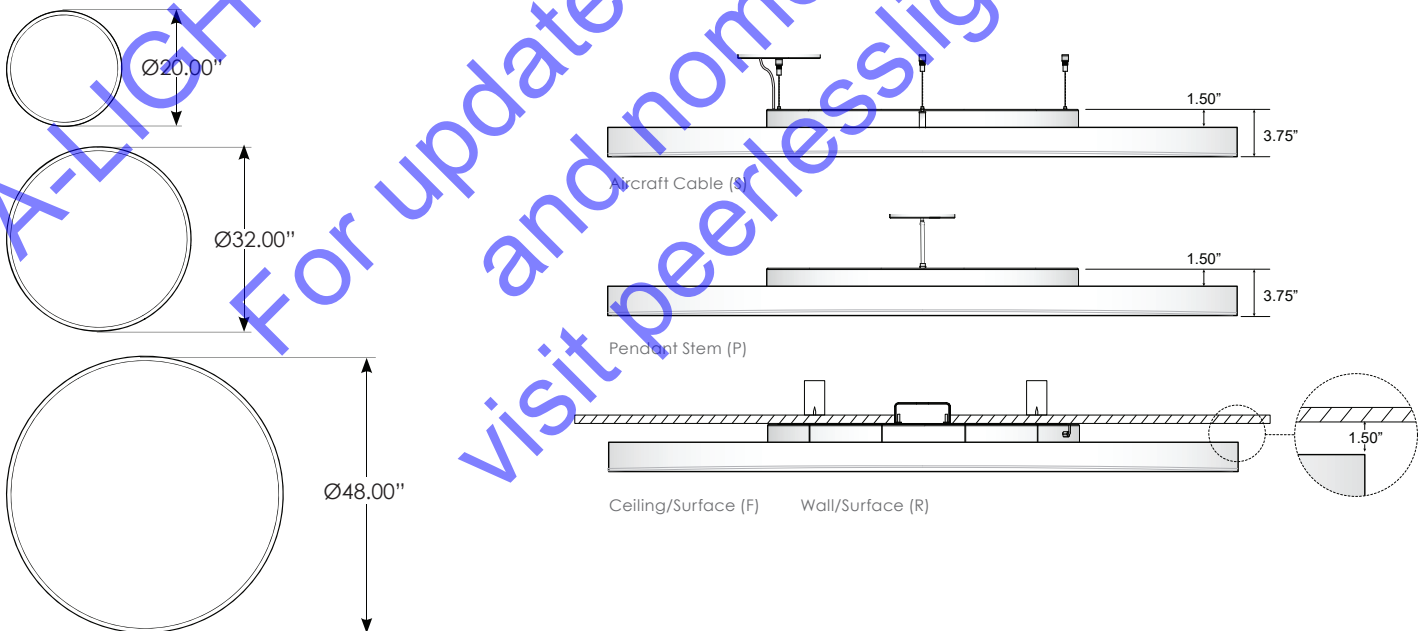


Light loss factors (LLF)

OUTPUT	CCT	LLF RATIO		DIRECT EFFICACY					
				20"		32"		48"	
		CRI 80	CRI 90	CRI 80	CRI 90	CRI 80	CRI 90	CRI 80	CRI 90
LVH (very high)	4000K	1.01	0.86	-	-	92 lm/W	78 lm/W	95 lm/W	81 lm/W
	3500K	1	0.85	-	-	91 lm/W	77 lm/W	94 lm/W	80 lm/W
	3000K	0.98	0.83	-	-	89 lm/W	76 lm/W	92 lm/W	78 lm/W
	2700K	0.94	0.81	-	-	86 lm/W	74 lm/W	88 lm/W	76 lm/W
LH (high)	4000K	1.01	0.86	71 lm/W	60 lm/W	95 lm/W	81 lm/W	99 lm/W	84 lm/W
	3500K	1	0.85	70 lm/W	60 lm/W	94 lm/W	80 lm/W	98 lm/W	83 lm/W
	3000K	0.98	0.83	69 lm/W	58 lm/W	92 lm/W	78 lm/W	96 lm/W	81 lm/W
	2700K	0.94	0.81	66 lm/W	57 lm/W	88 lm/W	76 lm/W	92 lm/W	79 lm/W
LS (standard)	4000K	1.01	0.86	74 lm/W	63 lm/W	102 lm/W	87 lm/W	108 lm/W	92 lm/W
	3500K	1	0.85	73 lm/W	62 lm/W	101 lm/W	86 lm/W	107 lm/W	91 lm/W
	3000K	0.98	0.83	72 lm/W	61 lm/W	99 lm/W	84 lm/W	105 lm/W	89 lm/W
	2700K	0.94	0.81	69 lm/W	59 lm/W	95 lm/W	82 lm/W	101 lm/W	87 lm/W

OUTPUT	CCT	LLF RATIO		DIRECT LUMEN OUTPUT					
				20"		32"		48"	
		CRI 80	CRI 90	CRI 80	CRI 90	CRI 80	CRI 90	CRI 80	CRI 90
LVH (very high)	4000K	1.01	0.86	-	-	9191 lm	7826 lm	21077 lm	17946 lm
	3500K	1	0.85	-	-	9100 lm	7735 lm	20868 lm	17738 lm
	3000K	0.98	0.83	-	-	8918 lm	7553 lm	20451 lm	17320 lm
	2700K	0.94	0.81	-	-	8554 lm	7371 lm	19616 lm	16903 lm
LH (high)	4000K	1.01	0.86	2708 lm	2306 lm	7405 lm	6306 lm	17223 lm	14665 lm
	3500K	1	0.85	2681 lm	2279 lm	7332 lm	6232 lm	17052 lm	14494 lm
	3000K	0.98	0.83	2627 lm	2225 lm	7185 lm	6086 lm	16711 lm	14153 lm
	2700K	0.94	0.81	2520 lm	2172 lm	6892 lm	5939 lm	16029 lm	13812 lm
LS (standard)	4000K	1.01	0.86	2042 lm	1739 lm	3774 lm	3214 lm	9186 lm	7822 lm
	3500K	1	0.85	2022 lm	1719 lm	3737 lm	3176 lm	9095 lm	7731 lm
	3000K	0.98	0.83	1982 lm	1678 lm	3662 lm	3102 lm	8913 lm	7549 lm
	2700K	0.94	0.81	1901 lm	1638 lm	3513 lm	3027 lm	8549 lm	7367 lm

Mounting & Dimensions



DIMENSIONS

20", 32", and 48" diameter surface and suspension fixtures maintain a 2.25" profile height and 3.75" overall height including back wireway compartment making the fixture ADA compliant.

OPTICS

A 0.177" thick concaved thermoformed diffuser made up of a high performance acrylic blend hides LED hot spots while providing equal and seamless diffusion.

LED LIGHT SOURCE

Custom manufactured round board array uses high performance Nichia® LED in combination with a performance driven heat sink technology. Tested in accordance with LM-79 and LM-80; L70>60,000hr; operated at reduced output for high efficacy and lumen maintenance. 3000K, 3500K, and 4000K with 80+ CRI standard; other color temperatures and 90+ CRI available upon request, contact factory. LED color variation maintained at a 3-step MacAdam ellipse (SDCM 3x). Refer to photometry for delivered lumens.

LED DIMMING DRIVER

Factory tuned constant current electronic 0-10V control dimming driver is standard. Specification grade dimming down to 5%. Driver life of 50,000 hrs with ambient operating temperature range of -30°C to 50°C, maximum case temperature of 75°C. Electrical specifications at maximum driver load: PF >0.9, THD <20%, >85% Efficiency.

EMERGENCY

Factory installed integrated fixture LED emergency battery pack for both normal and emergency operation, with the exception of the 20" fixture which must have a remote emergency battery. Unit contains long-life Ni-Cad recyclable battery, 24 hour charger, and converter circuit. Test switch and charge indicator provided. Test button installed on fixture from factory with the exception of the gyp version where to be installed remotely by others. Emergency mode provides constant power to a nominal 12W or 5W LED load for a period of 90 minutes, delivering 1200 or 550 lumens of unwavering illumination throughout the full 90 minute emergency duration. The 32" and 20" fixtures illuminate entirely, however the 48" fixture only illuminates half of the fixture. 20" fixtures' battery is remote mounted in RME1 enclosure provided by factory.

CONTROLS

nLight enabled, remote mounted controls provided by others. Please contact an Acuity controls representative for more information.

MOUNTING

Aircraft cable set includes three 48" standard length 1/16 stainless steel adjustable aircraft cables with secure micro grippers to field set suspension length, comes factory installed in fixture. 4-1/2" round canopy. IDS caddy clip and cord strain also included.

Please refer to installation sheets for mounting weight requirements. Power cord options available for aircraft cable. Black power cord provided for textured black and titanium finish, white power cord provided for all other fixture finishes, unless otherwise specified.

Rigid pendant stem set includes 1/2" IPS hollow threaded rod for suspension and power feed, standard specification length, 6" minimum provided with a 5" round canopy diameter.

Swivel stem set includes 1/2" IPS hollow threaded rod for suspension and power feed, standard specification length, 6" minimum, provided with a 5" round canopy diameter.

Specify if other suspension length is required. Fixture can be mounted on angles within the recommended scope, please refer to installation instruction guide for recommended angles and mounting points for optimum conditions.

Ceiling surface mount version has a galvanized mounting plate that attaches to the junction box with #8-32 screws (provided by others) and is recommended to be further affixed to the ceiling with additional fasteners through the slots in the mounting plate (see installation instructions). The fixture twists onto this mounting plate through a series of descending receiving flanges, and is secured in place with a spring loaded locking mechanism. This mechanism also facilitates dismounting the fixture.

Wall surface mount version has a galvanized mounting plate that attaches to the junction box with #8-32 screws (provided by others) and is recommended to be further affixed to the wall with additional fasteners through the slots in the mounting plate (see installation instructions). The fixture twists onto this mounting plate through a series of descending receiving flanges, and is secured in place with a spring loaded locking mechanism.

FINISH

Electrostatically applied powder coat finish. Standard finish options include titanium, textured white and textured black. Other colors and custom finish options available, specify RAL# or contact factory regarding custom finish requirement.

LISTING

Tested in accordance with UL 1598 and certified to CEC/CSA C22.1, NEC, ANSI/NFPA 70, and NOM-001-SEDE. For USA and Canada. Dry & damp locations only.

The ATL3 is assembled in the U.S.A. and complies with the Buy America(n) Act (BAA) government procurement requirements under FAR, DFARS, and DOT.

WARRANTY

Limited defect-free manufactured equipment warranty provided under normal use and proper storage for a period of one (1) year. LED products (LED boards and drivers) will be covered for a period of five (5) years. Please refer to full terms and conditions on our website: www.alights.com/downloads/warranty/